

## CLAIMS:

1. Mixer-system comprising a mixer-circuit with at least two mixers for frequency translating signals comprising audio/video information and comprising an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said frequency translating  
5 of said signals comprising audio/video information.
2. Mixer-system according to claim 1, wherein said amplitude detector comprises at least two inputs coupled to at least two outputs of said mixer-circuit and at least one output coupled to at least one control input of said mixer-circuit, with said mixer-circuit further  
10 comprising at least two amplifier-circuits coupled to said mixers for amplifying mixer signals, with at least one of said amplifier-circuits being coupled to said control input for receiving a control signal for controlling a gain of said amplifier-circuit.
3. Mixer-system according to claim 2, wherein said amplitude detector comprises  
15 at least two level detectors each comprising an output coupled to an input of an amplifier.
4. Mixer-system according to claim 2, wherein said mixer-system comprises at least one further amplitude detector per amplifier-circuit of which further amplitude detector at least one input is coupled to at least one output of said amplifier-circuit and of which  
20 further amplitude detector at least one output is coupled to said amplifier-circuit for controlling a gain of said amplifier-circuit for making common-mode corrections.
5. Mixer-system according to claim 4, wherein said further amplitude detector comprises at least two level detectors with inputs of said level detectors being coupled to  
25 outputs of said amplifier-circuit and with outputs of said level detectors being coupled to inputs of an amplifier.
6. Mixer-system according to claim 4, wherein said further amplitude detector comprises at least one adder for adding output signals of said amplifier-circuit, which adder

comprises an output coupled to an input of a level detector comprising an output coupled to an input of an amplifier, which amplifier comprises an output coupled to an input of a range detector and to an input of an inverter controlled by said range detector.

5 7. Mixer-system according to claim 2, wherein said amplifier-circuits each comprise an amplifier with at least a first input and a first output coupled to each other via a first resistor-element and with at least a second input and a second output coupled to each other via a second resistor-element, with at least one resistor-element in at least one of said amplifier-circuits being adjustable for controlling the gain of said amplifier-circuit.

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8. Mixer-system according to claim 7, wherein at least one output of one of said amplifier-circuits is coupled to at least one input of the other amplifier-circuit via at least one further resistor-element which is adjustable for making phase corrections.

15 9. Apparatus comprising at least one polyphase filters and a mixer-system coupled to said polyphase filter, which mixer-system comprises a mixer-circuit with at least two mixers for frequency translating signals comprising audio/video information and comprising an amplitude detector for making amplitude corrections for at least one output signal of said mixer-circuit, wherein said amplitude corrections are made during said  
20 frequency translating of said signals comprising audio/video information.

10. Method for frequency translating signals comprising audio/video information via a mixer-circuit with at least two mixers and comprising the step of making amplitude corrections for at least one output signal of said mixer-circuit via an amplitude detector,  
25 wherein said step of making amplitude corrections is performed during said frequency translating of said signals comprising audio/video information.